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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/542,067	07/11/2005	Katsuhiro Kubota	Q88635	2862
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WASHINGTON, DC 20037-3213				
EXAMINER				
VORTMAN, ANATOLY				
ART UNIT		PAPER NUMBER		
2835				
MAIL DATE		DELIVERY MODE		
03/06/2009		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/542,067

**Applicant(s)**

KUBOTA, KATSUHIRO

**Examiner**

ANATOLY VORTMAN

**Art Unit**

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 February 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 13 and 14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 13 and 14 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 August 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/S508)  
Paper No(s)/Mail Date \_\_\_\_\_

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Reply Under 37 CFR 1.111***

1. The submission of the amendment filed on 02/03/09 is acknowledged. Claims 13 and 14 have been amended and are currently pending. The Office action follows:

***Specification***

2. 35 U.S.C. 112, first paragraph, requires the specification to be written in "full, clear, concise, and exact terms." The specification appears to be a literal translation from the foreign document and is replete with terms which are not clear, concise and exact. The specification should be revised carefully in order to comply with 35 U.S.C. 112, first paragraph. Examples of some unclear, inexact or verbose terms used in the specification are (in reference to the marked-up version of the substitute specification filed on 02/03/09): "there is an electric connection box which performs release of heat" (section [10]); "there is also heat release structure of an electric connection box, which is good in heat release effect without causing increase of cost" (section [11]); "when the first fuse 10 is inserted and attached into tile fuse attachment portion 70, the insulation housing 11 of the first fuse 10 is guided and inserted into the fuse attachment portion 70 in a spaced state by a coupling portion 65C of the partition wall 65 of the fuse attachment portion 70, and inner walls 61 N, 62N of the fuse attachment portion 70" (section [72]); "a stop portion 75 is provided, which stops an incoming operation of the first fuse 10 when the first fuse

10 is inserted and attached into the fuse attachment portion 70" (section [73]); "as a material of the block body 50, thermoplastic synthetic resin, which is superior in formability, is used, and the block body 50 is formed using an injection mold method which is superior for mass productivity. Further, the block body is referred to as a fuse block or a fuse plate" (section [80]); "In order to partition the fuse 10 or 20 and the fuse 10 or 20 attached to the block body 50, the partition wall 65 is provided in the housing 59 of the block body 50" (section [82]); "Accordingly, occurrence of such the disadvantage that the heat of the high temperature generated from the first fuse 10 exerts a bad influence on the partition walls 65 of the housing 59 is previously prevented" (section [84]); "the partition wall 65 has the notch portion 65 in the through hole-shaped notch" (section [85]), etc. Examiner would like to reiterate that the aforementioned clauses are only the examples. The specification replete with cumbersome phrases that are not clear and exact. Applicant must carefully review the entire specification in order to correct the aforementioned and other similar not mentioned problems. Examiner would like to remind the Applicant that this is a fourth (!) request by Examiner to correct the specification. A substitute specification in proper idiomatic English and in compliance with 37 CFR 1.52(a) and (b) is required. The substitute specification filed must be accompanied by a statement that it contains no new matter.

***Allowable Subject Matter***

3. Claims 13 and 14 are allowed.

4. The allowability resides in the overall structure of the device as recited in the independent claims 13 and 14, and at least in part, because claims as amended, recite the limitations: “partition walls which extend substantially perpendicular from a bottom surface of the fuse attachment portions [...] wherein the notch is formed as a through-hole that is entirely bounded by the partition wall and the bottom surface of the fuse attachment portion”. The aforementioned limitations in combination with all remaining limitations of the respective claims 13 and 14, are believed to render the claims allowable over the art of record.

Furthermore, Examiner has reviewed the art of record in related application No. 11/924,812.

Furthermore, Examiner has performed the inventor and assignee search in order to identify documents with possible double patenting issues. No documents with conflicting claims have been identified.

### *Response to Arguments*

5. Applicant's arguments regarding the objection to the specification have been fully considered but they are not persuasive. Applicant contends that, allegedly, “although the grammar in the specification is not perfect, it is certainly sufficient for a person of ordinary skill in the art to understand the invention as currently claimed”. Examiner would like to remind Applicant, that a patent application, if matured into a patent, would become an official US documents (i.e. prior art) accessible by the public all over the world, and therefore, must be in perfect English and grammar. 35 U.S.C. 112, first paragraph, requires the specification to be

written in "full, clear, concise, and exact terms", which is clearly not the case in the instant specification.

### ***Conclusion***

6. This application is in condition for allowance except for the formal matters pertained to the specification as explained above.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANATOLY VORTMAN whose telephone number is (571)272-2047. The examiner can normally be reached on Monday-Thursday, between 10:00 am and 8:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Jayprakash Gandhi can be reached on 571-272-3740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Anatoly Vortman/  
Primary Examiner, Art Unit 2835